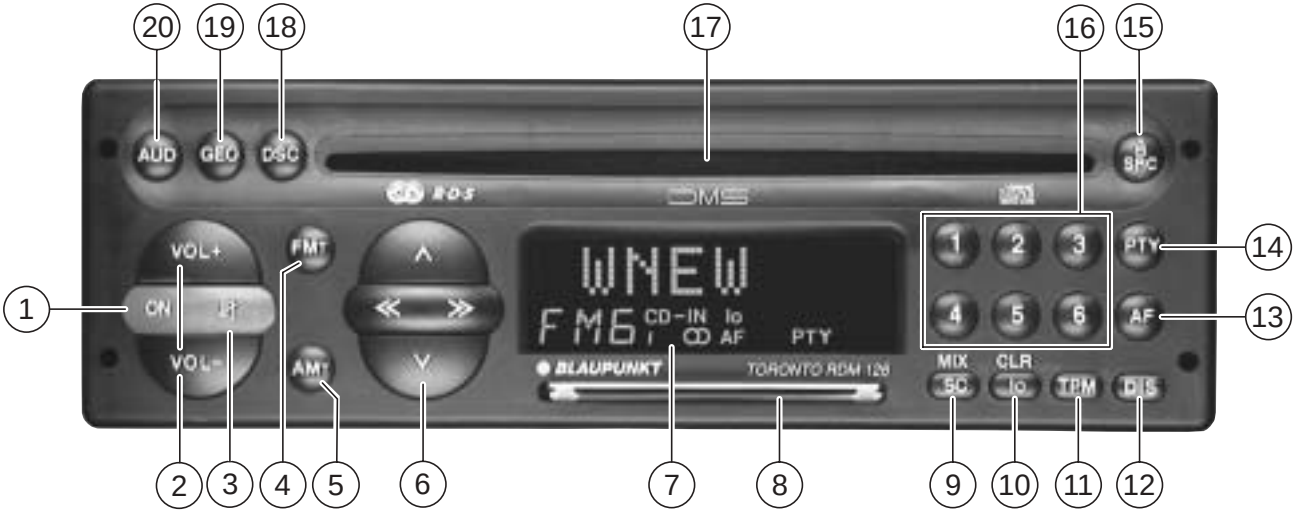
Operating instructions
Toronto RDM 126 US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PTY
AF
MIX
CLR
TPM
DIS
FM6
CD-IN
AF
PTY
BLAUPUNKT
TORONTO RDM 126

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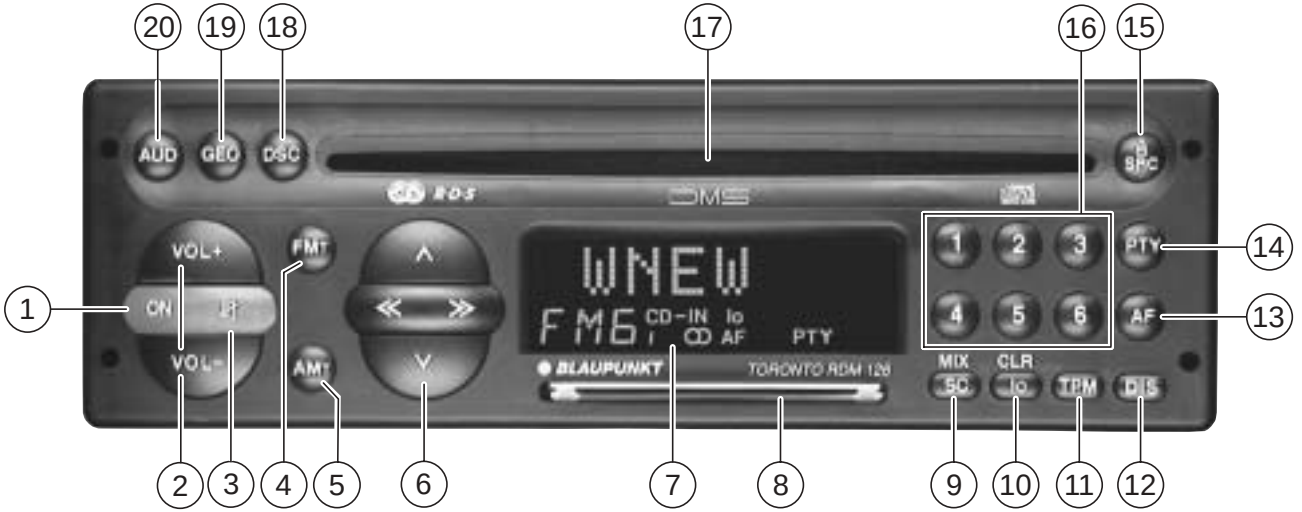
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TORONTO RDM 126

FCC warning for USA

The equipment has been tested and found to comply with the limits for a Class B device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy, and, if not installed and used in accordance with instructions, may cause harmful interference with radio communications. However, there is no guarantee that radio interference will not occur in particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to contact the dealer or an experienced Radio/TV technician for help.

You are cautioned that any changes or modifications not expressly approved in this manual could void your authority to operate this equipment.

The shielded interface cable recommended in this manual must be used with this equipment in order to comply with limits for a digital device pursuant to Sub-part B of Part 15 of the FCC rules.

Caution

- The use of optical instruments with this product will increase eye hazard.
- Because the laser beam in this compact disc player is harmful to the eyes, do not attempt to disassemble this cabinet. Refer servicing to qualified personnel only.

Safety certification

This Compact Disc Player is made and tested to meet exacting safety standards. It meets FCC requirements and complies with safety performance standards of the US Department of Health and Human Services.

Congratulations on your purchase of this Blaupunkt Radio with CD Changer Control. Its Codem IV-US RDS tuner and full-featured CD player provide the ultimate in sound reproduction. Its high-power amplifier and 4-Channel preamp output provide you with versatility in configuring your car audio system. In addition, Blaupunkt's exclusive Direct Software Control menu allows you to customize many of the features to your specific personal preferences. And no other company offers radios with either VarioColour Illumination or the KeyCard Security System.

Here is a recap of feature highlights:

Key Features:

KeyCard Security System with 2 Key-Cards
Each Keycard also holds separate Preset, Audio and DSC Settings
Flashing LED “Tongue” Warning System & Window Decals
VarioColour Illumination
Brightness and Viewing Angle Adjustment
17 Direct Software Control Menu Options
Wireless Remote Control Ready

Codem IV-US Tuner Features:

RDS (Radio Data System) Reception
- Station Call Letter Display
- PTY Program Type Seek
- AF Alternative Frequency Search
- Emergency Alert System Capability

Multipath Management
18 FM/6 AM Presets, including 6 FM/6 AM TravelStore Presets
Station Scan & Preset Scan
3 lo and 3 dx Tuning Sensitivities
ASU Electrical Impulse Noise Suppression

Audio Features:

4 x 35 Watts Peak Internal Power
Dual-Level Fader
4-Channel 2.0 V Preamp Out w/75 Ohm Resistance
Switchable Auxiliary Input

CD Player & DMS CD Changer Control Feature Highlights:

Controls Blaupunkt CDC-A05 or CDC-A071 Changer
Disc Naming
Track program memory

Other Features:

Quick-Release Wire Harness
DIN Chassis, Bracket & Hardware
Dimensions 179 x 50 x 150 mm

Designed, Engineered and Manufactured by Blaupunkt in Germany

Quick reference

① **Switching on/off with the ON button:**
Press **ON**.
When switching the set on with the **ON** button, the KeyCard has to be inserted. The unit will play with the pre-adjusted volume.

Switching on/off with the KeyCard:
The set has to be turned on via the **ON** button.

Note:
Read the information in chapter “KeyCard theft protection system”.

Switching on/off via the ignition:
When connected correspondingly, the set can also be turned on and off via the vehicle ignition.
After the ignition has been switched off, a double beep tone will remind you that you should remove the KeyCard before leaving your vehicle.

Switching on with the ignition being switched off:
To keep on operating the set when the ignition is switched off (KeyCard is inserted), proceed as follows:
Press **ON** after the double beep tone.
The unit will be turned on.
To avoid that the battery goes flat, the system will be turned off automatically after a playback time of one hour.

② **VOL+ / VOL-**
To alter the volume.
Each time the set is switched on, it will play with the pre-adjusted volume (VOL FIX).
You may also change the VOL FIX setting (see chapter “DSC programming”).

③ 🔇
For instantly muting the volume.
By pressing the 🔇 button the volume will be muted immediately. “MUTE” will appear in the display.
The function is cancelled by pressing button 🔇 or **VOL+**.
When pressing **VOL-**, the normal volume will be by one grade lower than the mute volume.

To program the mute volume level, proceed as follows:
- Adjust the desired volume.
- Press 🔇 for two seconds until you hear a beep.

Now this volume level is stored as your mute volume.

Extra function 🔇
Memory button in the DSC menu.

④ **FMT**
Press repeatedly to switch between the FM memory banks I, II and T (Travelstore).
When pressing this button, the system will automatically switch to FM.

Extra function FMT
To **store** the six most powerful stations automatically **with Travelstore:**
Press **FMT** until you hear a beep or “T-STORE” appears in the display.

⑤ **AMT**
AM switch

Extra function AMT
To **store** the six most powerful stations automatically **with Travelstore:**
Press **AMT** until you hear a beep or “T-STORE” appears in the display.

⑥ **Rocker switch**

Radio operation

∧ / ∨ **Station search** (seek tuning)
∧ Up
∨ Down
<</>> Up/Down in short intervals when AF is **off** (manual tuning)

<</>> When AF is **on**, press <</>> to seek previously-turned RDS stations. Once RDS stations have been turned in by radio, they are added to this RDS seek table.
e.g. WNEW, WNYC-FM, THE WAVE.

CD operation

Track selection ∧ Up
∨ Down
Press ∨ once to go back to the beginning of the current track.

Fast advance, audible (CUE).
Hold down ≫ as long as required.

Fast reverse, audible (REVIEW).
Hold down ≪ as long as required.

Changer operation (optional)

CD Disc selection

Up

Down

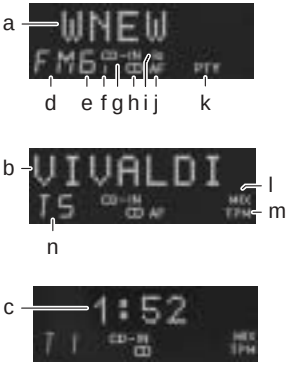
Track selection

Upwards: Press briefly.
CUE - fast advance (audible):
Keep depressed.

Downwards: Press as many times as required.
To restart a track: Press briefly.
REVIEW - fast reverse (audible):
Keep depressed.

Extra rocker switch functions:
Further setting functions with
AUD (20)
GEO (19)
DSC MODE (18)
PTY (14)
Condition: The corresponding function has to be activated.

(7) Display



a) WNEW - Station name
b) VIVALDI - CD name or
c) 1 : 52 - CD time (playback time) and number for changer operation (optional)
d) FM - Waveband
e) 6 - Preset button (1-6)
f) I, II, T - Memory bank I, II or Travelstore
g) CD-IN - A CD is inserted
h) ⊂⊃ - Stereo
i) lo - Seek tuning sensitivity
j) AF - Alternative frequency for RDS operation
k) PTY - Program type function
l) MIX - CD playback in random order

m) TPM - To select and store CD tracks
n) T5 - Track no. 5 is played back

⑧ **KeyCard theft protection system**
To operate the set it is necessary that the KeyCard is inserted.

For this purpose, introduce the KeyCard (with the contact area showing up) into the slot above the tongue sticking out of the unit.
To remove the card, press first to unlock.
Read also the information in chapter “KeyCard theft protection system”.

Flashing KeyCard tongue
When the radio is turned off and the KeyCard removed, the KeyCard tongue can be programed to flash for optical theft protection.
For more information see chapter “DSC programming”.
This flashlight can be switched off by pushing in the tongue and lock.

⑨ **SC/MIX**

Radio operation

Scan
Press **SC/MIX** briefly –
“FM SCAN” and the name of the scanned station will alternately appear in the display. The unit will scan all stations which can be received.

Preset Scan
Press **SC/MIX** for approximately two seconds until you hear a beep.
“SCAN” and the name of the scanned station will alternately appear in the display. The unit will scan all stations stored on the preset buttons.

To stop Scan / Preset Scan:
Press **SC/MIX** once again.

CD operation

MIX playback
The Mix function is switched on if “MIX” appears in the display. The CD tracks will be played at random.
To switch Mix on and off:
Press **SC/MIX** briefly.

CD-Scan
Press **SC/MIX** for approximately two seconds until you hear a beep.
“CD-SCAN” appears in the display.
The unit will scan all CD tracks.
To stop CD-Scan:
Press **SC/MIX** once again.

Changer (CDC) operation (optional)

MIX CD
The CD tracks will be played at random.
The individual discs are selected in numeric order.

MIX MAG
The CD tracks will be played at random.
The individual discs are also selected in random order.

MIX OFF
The Mix function is deactivated.

Press **SC/MIX** as many times until the desired function briefly appears in the display.

CD-Scan
Press **SC/MIX** for approximately two seconds until you hear a beep.

"CDC-SCAN" will appear in the display. All CD tracks will be scanned briefly.
To stop CD-Scan:
Press **SC/MIX** once again.

⑩ **Io•CLR**

Radio operation

To switch the seek tuning sensitivity level:
Press button briefly.
To switch between mono and stereo reception:
Press button for approximately two seconds (beep).
The stereo symbol ◯◯ will disappear for mono playback.

CD and CDC operation (optional)

To clear CD tracks from the TPM memory.

⑪ **TPM**
(**T**rack **P**rogram **M**emory)
To select and store tracks during CD/CDC playback. In each operating mode it is possible to manage a maximum of 30 discs. Please refer to chapter "TPM programming".

⑫ **DIS**

Radio operation

When an RDS station is received, press the **DIS** button and the frequency will be displayed for approximately four seconds.

CD operation

To switch between the name and time (playback time) display modes:
Press **DIS** briefly.

Changer operation (optional)

To switch the display mode and select between name, time (playback time) and number (disc number):
- Press **DIS** briefly.

⑬ **AF**
Alternative **f**requency during RDS operation:
When "AF" lights up in the display, the system will automatically look for a frequency offering better reception of the same RDS program.
AF on/off: Press **AF** briefly.

⑭ **PTY** (**P**rogram **Ty**pe)
In the PTY mode, the preset buttons become program type buttons.
With each preset you can select one program type, such as for example NEWS, SPORT, ROCK, CLASSICL, etc.

⑮ ⏏ • **SRC**
SRC (**s**ou**rc**e)
When having a CD inserted you can switch between the different audio sources radio, CD, and CDC/AUX (if activated).
⏏ (Eject)
Hold down the button for approximately two seconds (beep) and the CD will eject.

⑯ **1, 2, 3, 4, 5, 6 - preset buttons**
On FM, you can store six stations for each of the memory banks I, II and T.
On AM, you can store six stations each.
To store a station: Press a preset button during radio operation and hold down until the set resumes play after the muting and you hear a beep.

ENGLISH

To recall a station: Select the desired waveband. On FM, adjust the corresponding memory bank and press the relevant preset button briefly.

Extra function preset buttons
To store and recall a PTY program type.
On FM, you can store and recall one program type on/from each preset button when PTY is active (“PTY” lights up in the display).

⑰ **CD slot**
When inserting a disc with the label side facing up, it will be pulled in automatically and transported to the playback position. CD playback is adjusted automatically.

⑱ **DSC** (**D**irect **S**oftware **C**ontrol)
Use the DSC function to customise certain programmable, basic settings to suit your personal needs and preferences. See chapter “DSC programming” for more information.

⑲ **GEO**
To adjust the balance (left/right) and fader (front/rear) with the rocker switch.

^ Fader front
v Fader rear
<< Balance left
>> Balance right

The last setting will be stored automatically.
To switch off GEO: Press button once again.
If the setting remains unchanged within four seconds, the display will switch back to the previous condition.

⑳ **AUD**
To adjust the treble and bass frequencies with the rocker switch.

^ Treble +
v Treble –
<< Bass –
>> Bass +

The last setting will be stored automatically.
To switch off AUD: Press button once again.
If the setting remains unchanged within four seconds, the AUD setting will be terminated automatically.

Extra function AUD
Loudness: When listening at a low level, the Loudness function will create a more natural sound by emphasising the low frequency range.
To switch the Loudness on/off:
Press the **AUD** button for approximately two seconds until you hear a beep.

The Loudness function is active if “LD” appears in the display.
For more information see chapter “DSC programming”.

Precautions

Before starting to use your new car radio, please read the following information carefully.

Traffic safety

As the driver of a motor vehicle, it is your responsibility to pay attention to the traffic situation at all times. Never use your car radio in a way that could distract you.
Please keep in mind that you travel a distance of 15 yards per second at a speed of only 30 miles per hour.
Should the traffic situation become particularly demanding, we advise you not to use the radio.
Always make sure that you are still able to hear any warning signals coming from outside of the vehicle, such as police or fire engine sirens, so that you can react accordingly.
Therefore, you should always select a moderate volume for playing your car radio while you are driving.

Installation

If you would like to install your new car stereo yourself or add other audio components to existing ones, then please read carefully the enclosed instructions on installation and connection.
In order to ensure that the set operates properly it is necessary that the positive power supply line is connected via the ignition and the permanent +12 V lead.
Do not ground the loudspeaker outputs!

Telephone mute

If you have a mobile telephone installed in your vehicle, radio or CD playback can be muted automatically when using the phone (telephone mute).
“PHONE” will then appear in the display.

Accessories

Use only the accessories and spare parts approved by Blaupunkt.

You can use the following Blaupunkt products with this car stereo:

Changer
CDC A 05 or CDC A 071

KeyCard theft protection system

Remote control
With the infrared steering wheel remote control and its signal-receiving apparatus you can control all of the important functions of your car audio system from the steering wheel.

Amplifier
All Blaupunkt amplifiers

Auxiliary Input 7607 890 093
Adapter for portable audio equipment, for example.

Speakers
All Blaupunkt speakers

The Blaupunkt KeyCard Security System provides an effective and convenient means of theft deterrence. Each unit operates only when **it's own card** is inserted. No card, no use. It's that simple.

The unit's flashing tongue and security system window stickers emphasize that point to the potential thief. No bulky release panel to put in your pocket – under your seat – where thieves know to look for it. Just remove the card and put in your wallet or pocket. It's that convenient.

This unit is supplied with two Keycards, a blue "main" card and "screamer" card. The difference: the warranty/serial number (the "radio pass data") has been embedded into the main card in case you ever need it.

In addition to convenient security, each card has a personal memory bank for the FM1 and AMT band presets, bass, treble, balance, fader and DSC settings. The benefit: two drivers, such as a husband and wife, can store separate settings to their individual likings on their separate cards.

To replace a lost or stolen card, please call 1-800-920-2121.

Putting the unit into operation

1. Turn the unit on.
2. Make the orange tongue stick out by pressing it into the radio so that it pops out.
3. Insert the KeyCard into the slot with the gold contact facing up and the arrow pointed into the unit.

The car radio is now ready for operation.

If a wrong KeyCard is inserted, then "CARD ERR" will appear in the display. In this case please do not make any further adjustments. The system will switch off after approximately ten seconds. When inserting another card type (e.g. phone or credit card), the display will show "WRONG KC" for approximately two seconds.

4. Remove the wrong card and introduce the correct KeyCard after the display indications "CARD ERR" or "WRONG KC" disappear.
5. Press **ON** to turn the set on.

Removing the KeyCard

Never pull out the KeyCard directly!

- First, slightly push in the KeyCard.

This releases the card and puts it in the proper position for being removed.

- Now you can pull it out.

Replacing a KeyCard

1. Insert the remaining KeyCard and turn on the set.
2. Press the **DSC** button and select “LEARN KC” with ∧/∨.
3. Press << or >>.

The display will switch to “CHANGE”.

4. Push in the KeyCard. The card is released and put in the proper position for being removed.
5. Remove the first KeyCard and insert the new one while “CHANGE” is still being displayed.

After the display indication “READY” or “LEARN KC”,

6. press **DSC**.

Now you can also use the new KeyCard for operating your unit.
A maximum of two cards can be used for the set.

When trying to “train” a third one, the access authorisation for the KeyCard not used for the “training” process will be deleted automatically.

Loss of both KeyCards

Please contact your dealer or in USA call 1-800-920-2121.

Displaying the radio pass data

Using the “Blau” KeyCard supplied with your set you can have the radio pass data such as the model name, product number (7 6 ...) and serial number indicated on the display panel.
Please refer to chapter “DSC programming - READ KC”.

Optical indication for extra security

Blinking KeyCard tongue

When the vehicle is stationary and the KeyCard removed, the KeyCard tongue can be switched to blink for extra anti-theft security.
For this it is necessary that the positive power supply line and the permanent +12 V lead are connected such as described in the installation instructions.
Be sure that “LED ON” is adjusted in the DSC mode.
If required, please refer to chapter “DSC programming - LED”.

Turning off the blinking LED

When you insert your KeyCard, the LED is automatically turned off until the card is removed and the ignition turned off, assuming the unit is connected as described in the installation instructions.
If you do not want the tongue to blink at any time, simply access “LED” in the DSC menu, and press << or >> to turn in off.

Care of your KeyCard

For a proper function of the KeyCard it is important that the contacts are free from any foreign particles. Avoid direct skin contact.
If necessary, clean the KeyCard contacts using a cotton swab soaked with alcohol.

Switching the audio source

Using the SRC button you can switch between the following audio sources:

radio,

CD, or

CDC (AUX)

CD operation is only available if a CD is inserted.

AUX is only available if no Blaupunkt changer CDC A05 or CDC A 071 is connected. “AUX ON” must be activated in the DSC menu.

To switch to another source,

- press **SRC** briefly.

Radio operation with RDS (**R**adio **D**ata **S**ystem)

This radio is equipped to receive **R**adio **D**ata **S**ystem or **RDS** signals. RDS is a secondary signal used by many FM radio stations to broadcast additional information. Blaupunkt has been a key player in developing RDS in Europe.
This radio’s RDS features include program service name (PS), which automatically displays RDS station’s identification such as WNYC-FM or THE WAVE. Other RDS features included are alternative frequency switching (AF), program type identification and search (PTY), and capability to receive future Emergency Alert System (EAS) message broadcasted by RDS stations. All are explained in this section.

AF - Alternative frequency

The AF (**A**lternative **F**requency) function makes sure that the strongest frequency of the currently selected program is always tuned in automatically.
This function is activated when “AF” appears in the display.

In order to switch this function on or off,

- press the **AF** button briefly.

While searching for the strongest reception signal, the radio may switch to mute briefly.

If “SEARCH” appears in the display when switching on the radio or recalling one of the stored frequencies, the unit is automatically searching for an alternative frequency.
“SEARCH” will disappear from the display when the alternative frequency has been found or after the frequency band has been run through completely.
If the reception quality of the selected program becomes too bad:

- Tune into another station.

Selecting a waveband

With this car radio you can select between the following wavebands:
FM 87.5 - 107.9 MHz
AM 530 - 1710 kHz

- Select the desired waveband by pressing the **FMT** or **AMT** button.

Station tuning

Automatic (seek) tuning ∧/∨

- Press ∧/∨; the car radio will automatically search for the next station.

When keeping the upper or lower part ∧/∨ of the rocker switch depressed, seek tuning will speed up in upwards or downwards direction.

Seek tuning

∧ Up
∨ Down
<< Down in short intervals
("AF" must be switched off)
>> Up in short intervals
("AF" must be switched off)

Manual tuning with << >>

You can also tune in a station manually.

Condition:
AF and PTY must be switched off (i.e. the symbols do not light up in the display).

If necessary, deactivate these functions:

- Press **AF** or **PTY**.

Manual tuning:

- Press << >>; the frequency will change in short intervals in downwards or upwards direction.

When holding the right or left part of the rocker switch down, the frequency movement is speeded up.

RDS Seek (only FM)

You can use the << >> buttons to tune in RDS stations.
For this it is necessary that the stations have been tuned in at least once and that "AF" is active (lights up in the display).
A quick way to tune in RDS stations is to use Travelstore:

- Press **FMT** for two seconds; the system starts to run through the frequency band.

If "AF" is not displayed,

- press **AF**.

With this, the requirements for selecting stations with << >> are fulfilled.

Changing the memory bank (FM)

You can shift between the memory banks I, II and T in order to store stations and recall them later.

The currently selected memory bank is indicated in the display.

- Press the **FMT** button as many times until the desired memory bank lights up in the display.

Storing stations

On FM, you can store six stations on the preset buttons **1-6** for each of the memory banks I, II and T.
On AM, you can store six stations.

- Select the appropriate waveband with **FMT** or **AMT**.
- Tune in a station with the rocker switch (either automatically ∧/∨ or manually << >>).
- Press the desired preset button until the radio resumes play after the muting (takes approximately two seconds, confirmed by beep).

Now the station has been stored.
The activated preset button is indicated in the display.

Notice:
Should you tune in a station which has already been stored before on another memory bank, the corresponding preset button and the memory bank will briefly flash in the display.

Automatically storing the strongest stations with Travelstore

You can automatically store the six most powerful FM and AM stations of your current reception area sorted according to their signal strength. This function is particularly convenient on longer trips.

- Press the **FMT** or **AMT** button for two seconds.

"T-STORE" will appear in the display.
The six strongest FM or AM stations will be automatically stored on the memory bank "T" (Travelstore). When this process has been completed, the radio will play the first station.
If desired, stations can also be stored manually on the Travelstore bank (see "Storing stations").

Recalling stored stations

You can recall any stored station at the touch of a button.

- Select the waveband by pressing **FMT** or **AMT**. On FM, also choose the corresponding memory bank by pressing the **FMT** button as many times until the desired bank appears in the display.
- Press the corresponding preset button briefly to recall the station.

Scanning stored stations with Preset Scan

You can have all of the stored stations briefly scanned on all wavebands.

To start Preset Scan:

- Press **SC/MIX** for approximately two seconds.

All of the stored stations of the adjusted waveband will be scanned one after the other "SCAN" and the memory bank and preset position of the currently scanned station will flash in the display.

To select a scanned station and switch off Preset Scan:

- Press **SC/MIX** briefly.

Scanning stations with Radio-Scan

You can also scan all stations which can be received.

To start the Scan function:

- Press **SC/MIX** briefly.

The scanned frequency or the station name will start flashing in the display. During the actual scanning process "FM-SCAN" or "AM-SCAN" will be displayed.

To select a scanned station and switch off the Radio-Scan function:

- Press **SC/MIX** briefly.

If no station is selected, the scan function will be automatically switched off after the frequency band has been run through completely. The unit will tune in the station listened to before starting the scan.

Changing the scan time

The scan time can be changed from between five to a maximum of 30 seconds.
Please refer to chapter "DSC programming - SCANTIME".

Selecting the seek tuning sensitivity

You can alter the automatic seek tuning sensitivity.
If "lo" is displayed, the radio will only pick up strong, local stations (low sensitivity).
If "lo" does not light up, the radio will also pick up weaker, distant stations (high sensitivity).
The sensitivity level can be altered in both modes (see also chapter "DSC programming").

Switching from stereo to mono (FM)

If reception is poor, you may get better sound quality by switching to mono:

- Press the **lo** button for approximately two seconds.

With mono playback, the stereo sign will disappear from the display.
Each time the radio is switched on, stereo playback is activated.
The unit will automatically switch to mono if the received signal is not strong enough for stereo playback.

PTY – Program Type

PTY is an RDS service offered by more and more radio broadcasters. This feature allows you to select FM stations according to their program type. After you have chosen the PTY of your preference, the corresponding stations can be selected either by seek tuning or using the scan function.

Switching PTY on/off

- Press **PTY**.

When the function is active, the program type selected last will briefly appear in the display. “PTY” will be permanently indicated in the lower right corner of the display panel.

Program type

Use << >> to have the last selected program type displayed and to choose a new one.
You can select any one of the stored types with the preset buttons 1 - 6.
Condition: PTY must be active.
All of the program types listed below are available.
The letters printed in bold are identical to the actual short-time indication in the display.

NEWS
INFORM
SPORTS
TALK
ROCK
CLS ROCK
ADLT HIT
SOFT RCK
TOP 40
COUNTRY
OLDIES
SOFT
NOSTALGA
JAZZ
CLASSICL
R & B
SOFT R&B
LANGUAGE
REL MUSC
REL TALK
PERSNLTY
PUBLIC
TEST (used for factory testing)

PTY 23 to **PTY 29** have not been assigned.

Checking the program type of the station

- Press **PTY** for approximately two seconds.

After the beep tone the display will show the program type offered by the tuned in station.
If “NO PTY” appears in the display, the current station has no PTY code.

Displaying the selected program type

- Press << or >>.

The program type selected last will be displayed briefly.

Selecting a program type

a) Using the preset buttons
When PTY is switched on, you can use the preset buttons 1-6 to select the program types stored at the factory.
   - Press one of the presets 1 - 6.

The selected program type will be displayed for two seconds.

If you wish to listen to a station with this PTY,

- press ∧/∨ to start seek tuning operation.

If the system is unable to find a station offering the selected program type, the display will show “NO PTY” and a beep tone will be released. The station received before starting seek tuning will be tuned in.
You can assign different program types to each preset position. Please refer to the next chapter “Storing program types”.

b) Using the << >> buttons of the rocker switch
When PTY is switched on, you can select a program type using buttons << >>.

- Press << or >>; the program type selected last will be displayed for three seconds.
- During this period press >> (forwards) or << (backwards) to select the desired type.
- Press << or >> as many times as required.

If you wish to listen to a station offering the selected PTY,

- press ∧/∨ to start seek tuning operation.

If the system is unable to find a station offering the selected program type, the display will show “NO PTY” and a beep tone will be released. The station received before starting seek tuning will be tuned in.

Storing program types

One program type was assigned to each of the preset buttons 1-6 at the factory.
If desired, you can also store other available program types.
To do so, make sure that “PTY” lights up in the display.

- If necessary, press the **PTY** button to switch on the function.
- Select a program type using buttons << >> and
- hold down the desired preset button (1-6) until you hear a beep.

Now the selected program type can be recalled by pressing this preset. For this the PTY function must be active.

Scanning stations with PTY-SCAN

Condition: “PTY” must appear in the display.

- Press the **SC** button.

All received stations offering the selected program type will be scanned.

To switch off PTY-SCAN:

- Press **SC** once again.

Emergency Alert System

Your RDS tuner is also able to automatically receive any RDS emergeny announcements broadcast during extraordinary circumstances.
When the PTY feature is on, if your unit received such a signal, the radio would flash an alert message and switch to the RDS station broadcasting the emergency announcement, even if you are using a different source (such as CD), increase the volume to the level set under DSC (TA volume), and receive the message.

Notice:
As earlier mentioned, these functions are currently only supported by a limited number of RDS stations.

CD and CDC changer operation (optional)

This car stereo is equipped with a CD drive. In addition, it offers you convenient control of a Blaupunkt CD changer CDC-A05 or CDC-A071. These changers are sold separately and can be purchased through your Blaupunkt dealer.

CD operation

Switching to CD operation

Make sure that a disc is inserted, “CD IN” shows on the display panel.

Press **SRC** to go through the available audio sources:

- Press as many times until the display briefly shows “CD”.

Inserting a CD

- Switch on the radio.
- Insert a CD with the label facing up without the use of force.

The CD will be transported to its playing position automatically. CD playback will start.

“CD ERROR” – Disc is dirty, damaged, upside-down or CD-ROM

Removing a CD

- Press the ⏏ button for approximately one second (beep). The CD will be ejected.

To protect the CD mechanism, do not impair or try to help the automatic insertion and ejection of the disc in any way.
If the CD is not removed within approximately 30 seconds, it will be re-inserted automatically.

Selecting a track

After having inserted the CD, the activated CD functions will appear on the display panel. If the TPM indicator is inactive, you can select and play all CD tracks.
If “TPM” lights up, you can only select and play the tracks programed with TPM.

∧ / ∨ **Track selection** ∧ Up
∨ Down
Press ∨ once to go back to the beginning of the current track.

⋙ **Fast advance**, audible (CUE).
Hold down ⋙ as long as required.

⋘ **Fast reverse**, audible (REVIEW).
Hold down ⋘ as long as required.

Press the rocker switch as many times until you have reached the desired track.
The number displayed beside “T” indicates the track number of the currently played track.

ENGLISH

MIX playback

When the MIX function has been activated, the CD tracks will be played in random order. “MIX” will then appear in the display.

In order to switch the MIX function on or off,

- press **SC/MIX** briefly.

CDC operation (optional)

Switching to CDC operation

Make sure that at least one CD has been inserted into the magazine.

Press **SRC** to go through the available audio sources:

- Press as many times until the display briefly shows “CDC ON”.

“CD ERROR” – Disc is dirty, damaged, upside-down or CD-ROM

“NO CD” – No magazine in changer or no disc in selected slot.

Selecting CDs and tracks

CD selection

Up

Down

Track selection

Upwards: Press briefly.
CUE - fast advance (audible): Keep depressed.

Downwards: Press as many times as required.
To restart a track: Press briefly.
REVIEW - fast reverse (audible): Keep depressed.

MIX playback

You can have the CD tracks played in random order.

MIX CD – The tracks of the selected CD will be played at random. The next disc will be selected in numeric order.

MIX MAG – CDC-A 05 / CDC-A 071
All tracks of the CD will be played at random.
The next disc will then also be selected and played randomly, etc.

MIX OFF – The Mix function is deactivated. Discs and tracks will be selected in numeric order.

To alter the setting:

- Press **SC/MIX** as many times until the desired function is briefly displayed.

If the function is active, “MIX” will appear in the right display corner.

Selecting the display mode

You can select the desired display mode for CD operation:

“NAME” – The specified name, for example “MADONNA” will be displayed.

“TIME” – The elapsed playback time of the track is displayed, for example “2 : 32”.

In addition for CDC operation:

"NUMBER" – The CD position in the magazine (disc number) is displayed, for example "CD 8".

To switch the display mode:

- Press the **DIS** button during CD playback.

The display mode and the corresponding setting or value will briefly show on the display panel, e.g. "TIME", "2 : 32".
If you have selected "NAME" without having specified a name for the corresponding disc, "CD PLAY" will appear in the display.
Please read also the chapter "Entering CD names".

CDC operation

Storing the display mode

You can store your preferred display mode which will then be active each time the radio is switched on.
If required,

- press **DIS** as many times until the desired setting is displayed.
- Hold down the **DIS** button until you hear a beep.

SCAN operation

Use this function to scan all of the CD tracks. For CDC operation, the system will scan the tracks of all discs.

To start the Scan function:

- Press **SC/MIX** for approximately one second.

The tracks will be scanned one after the other in ascending order.

To stop the Scan function:

- Press **SC/MIX** once again briefly.

The track currently being scanned is continued to be played.

SCAN will also be terminated by

- pressing one of the buttons **AUD, GEO, DSC, SRC, TPM,** 🔇, << >> or ∧/∨.

TPM **T**rack **P**rogram **M**emory

Use this feature to program and play your favourite CD tracks.
Up to 30 CDs can be managed in the CD mode, up to 99 discs in the CDC mode.

Storing tracks with TPM

Make sure that the TPM function is switched off ("TPM" not shown on the display panel).
If you have not yet stored a track in the TPM, the function will be unavailable.
If required,

- switch TPM on/off by pressing the **TPM** button.
- Use ∧/∨ to select a track. The track number will be displayed.
- Hold down the **TPM** button until you hear a beep.

Now the track has been stored.

With CDC operation, a "<" symbol will appear in front of the CD name.
Then select the next track with ∧/∨ and store with **TPM**, as detailed above.
You can also store a track at any time during CD playback. For this it is necessary that "TPM" and "SCAN" are deactivated.
Program TPM information for other CDs in the same way.

CD playback with TPM

- The TPM function must be switched on (TPM on/off with the **TPM** button).

The tracks stored with TPM will be played in ascending order. Any tracks which were not stored will be skipped over.

Clearing TPM information

Using the **CLR** (clear) button, you can clear single tracks, all of the tracks for one CD or the entire Track Program Memory.
For CDC operation, you can also clear the TPM information of either the inserted magazine or all magazines.
In order to clear any of this information, TPM must be switched on ("TPM" lights up in the display). If the TPM contains no data, then "NO TPM" will appear in the display.

CD operation

a) Clearing a track from the TPM:

- Switch on **TPM**.
- Select the track with **∧/∨.**
- Press the **CLR** button for approximately two seconds until "CLR TR" appears in the display.

Now this track has been cleared from the TPM.

b) Clearing a CD from the TPM:

- Switch on **TPM**.
- Press the **CLR** button for approximately four seconds until "CLR DISC" appears in the display.

Now this disc has been cleared from the TPM.

c) Clearing all CDs from the TPM:

- Switch on **TPM**.
- Press the **CLR** button for approximately eight seconds until "CLR TPM" appears in the display.

Now all of the discs have been cleared from the TPM.

CDC operation

a) Clearing a track from the TPM:

- Switch on **TPM**.
- Select the track with **∧/∨.**
- Press the **CLR** button for approximately two seconds until "CLR TR" appears in the display.

Now this track has been cleared from the TPM.

b) Clearing a CD from the TPM:

- Switch on **TPM**.
- Press the **CLR** button for approximately eight seconds until "CLR CD" appears in the display.

Now this disc has been cleared from the TPM.

c) Clearing a magazine from the TPM:

- Switch on **TPM**.
- Press the **CLR** button for approximately 16 seconds until "CLR MAG" appears in the display.

Now this magazine has been cleared from the TPM.

d) Clearing all magazines from the TPM:

- Switch on **TPM**.
- Press the **CLR** button for approximately 24 seconds until "CLR TPM" appears in the display.

Now all magazines have been cleared from the TPM.

Entering CD names

In the CD mode you can name up to 30 discs and up to 99 for CDC operation.
The specified name (e.g. VIVALDI) will appear in the display if you play the disc in the same operating mode (CD/CDC) that was active when entering the name.
Be sure to select the display mode “NAME” using the **DIS** button.

To start the entry:

- Press the **DSC** button.
  “CD-NAME” or “CDC-NAME” will be displayed.
- Press 🔇.

The first underscore character will flash.

- Select the first character with the help of the rocker switch ∧/∨.

You have the choice between the capital letters A to Z, special characters and the numbers 0 to 9.

- Use the rocker switch << >> to move to the next underscore and select a character.

You can select up to eight characters for CD and up to seven characters for CDC operation.

Once you have completed the name as desired:

- Press 🔇 in order to store it.

To quit the naming mode,

- leave the DSC menu by pressing **DSC**.

If you would like to name another CD,

- insert a new disc in the CD mode or select a new one for CDC operation.

You can change any existing name by entering and storing a new one (overwriting).

Deleting a CD name

Use the DSC feature to delete a CD name.

- Press **DSC**.
- Press ∧/∨ as many times until “CD NAME” or “CDC NAME” shows on the display panel.
- Press 🔇.
- Press **CLR**. The name will disappear.
- Press 🔇 again to delete the name.

To quit the DSC menu:

- Press **DSC**.

Clearing TPM information and CD names with DSC-UPDATE

With the help of the DSC update function you can clear CDs from the TPM and delete their names. Use “CD UPD” or “CDC UPD” to confirm all of the CDs for which the TPM information is not to be deleted.

- Insert a CD or magazine with CDs for which the TPM information is to be maintained.
- Press the **DSC** button.
- Press ∧/∨ to select “CD UPD” or “CDC UPD”.
- Press << >>.

After the update has been completed, “NEXT CD” or “NEXT MAG” appears in the display.

- Press ⏏ for approximately two seconds (in the CD mode on the car stereo, for CDC operation on the changer).

The CD or magazine will eject.

- Insert the next CD or magazine.

Proceed as described above for all of the CDs/magazines for which the TPM information and the CD name is to be maintained.

DSC programming

- After having updated the last CD or magazine, press **TPM** for approximately two seconds (beep).

To quit the function,

- press **DSC**.

The system has saved the TPM information for all of the CDs which were inserted. For all other discs, the TPM information and CD names have been deleted.

DSC (**D**irect **S**oftware **C**ontrol) allows you to customise certain programmable, basic settings to suit your personal needs and preferences and then store them.
The basic settings for this audio equipment were made at the factory.
In the following you can find an overview of these settings, so that you can always reset to these if desired.
If you wish to alter any of the programming,

- press **DSC**.

Use the rocker switch and the button to select and adjust the functions described in the following. The display will show you the adjusted condition.

∧/∨ Select function
<< >> Adjust/recall value

CD/CDC NAME

Only available for CD/CDC playback.
Use this function to name your CDs. (See “Entering CD names”).

LOUDNESS Loudness - When listening at a low level, the Loudness function creates a more natural sound by boosting the low frequency range.
LOUD 1 - Low boost
LOUD 6 - Max. boost

TA VOL Used in USA for Emergency Alert System volume level.

SPEECH In future many RDS radio stations will differentiate between music and speech programs.
You can alter the tone for speech programs from between “SPEECH 0 ... 4”.

SPEECH 0:
Music and speech as per AUD bass and treble settings.

SPEECH 1:
Linear reproduction (bass, treble and Loudness set to “0”)

SPEECH 2-4:
Different settings for volume, bass and treble with the Loudness being switched off.
Try out which SPEECH setting you like most.

BEEP Acknowledgement tone for all functions which require a button to be pressed for more than one second.
The volume can be adjusted from between 0 to 9. (0 = off).

ANGLE Use this setting to alter the viewing angle to your liking from -1 to 0 to +1.

BRIGHT You can adjust the display brightness from between 1 to 16. You can also select different values for day and night.

Selecting the night brightness:
Switch on the vehicle lights and program the brightness value. The car radio’s lighting connector must be hooked up to the vehicle’s electric system for this to function properly.

COLOUR (Variocolour) For gradually matching the radio illumination with the dashboard lighting.

green ..... light orange ..... red

LED ON Here you can choose between LED ON or LED OFF. With LED ON, the KeyCard tongue will flash for extra anti-theft protection when the unit has been switched off and the KeyCard removed.

LEARN KC To “train” a replacement KeyCard.
Please read the information in chapter “KeyCard theft protection system - “Replacing” a KeyCard”.

READ KC To read out the KeyCard data.
The card supplied with the radio is used to display the model name, type number (7 6..) and the serial number.
If you remove the KeyCard during the reading process, “READ KC” will show on the display panel. The unit continues to play but does not accept any operations except from being switched off. Re-insert the card.

SCANTIME Use this function to set the scan time for the radio or CD player from between five and 30 seconds.

S-DX To adjust the seek tuning sensitivity for distant reception.
DX 1 - high sensitivity
DX 3 - low sensitivity

S-LO

To adjust the seek tuning sensitivity for local reception.
LO 1 - high sensitivity
LO 3 - low sensitivity
The seek tuning sensitivity values can be separately set for AM and FM.

CD/CDC UPD

Use this function to clear TPM information and CD names during CD and CDC operation, in order to have more storage capacity for new discs available. See “Clearing TPM information and CD names with DSC-UPDATE”.

AUX

This menu item is not available if you have connected a CD changer (A 05 or A 071).
The setting made at the factory is AUX OFF.
If you have connected an external piece of equipment via AUX, this function must be set to AUX ON.

VOL FIX

Use this function to select the volume at which the radio is set when it is switched on. Adjust the desired volume level with << >>. When adjusted to “VOL 0”, the system will come on with the volume selected before switching the radio off.

To quit the DSC programming mode and store the adjustment:

- Press **DSC**.

Overview of the DSC factory settings

CD NAME	-
LOUDNESS	3
TA VOL	35
SPEECH	0
BEEP	4
ANGLE	0
BRIGHT	16
COLOUR	green
LED	ON
LEARN KC	-
READ KC	-
SCANTIME	10 sec.
S - DX	1
S - LO	1
CD UPD	-
AUX	OFF
VOL FIX	0

Appendix

Specifications

Amplifier

Output power: 4 x 23 W RMS power acc. to DIN 45324 at 14.4 V
4 x 35 W max. power

Tuner

Wavebands:

FM : 87.5 – 107.9 MHz

AM : 530 – 1710 kHz

FM sensitivity: 0.9 µV at 26 dB signal-to-noise ratio

FM frequency response:
30 - 16 000 Hz

CD player

Frequency response:
5 - 20 000 Hz

Questions? Problems?

Call 1-800-266-2528

Subject to modifications!

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BP/VKD-Nr. 8 622 401 061 (Ts)

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